averaged, produces a higher quality representation of the subject than any of the original images. In image-sequences, such as video, successive frames are often very similar except for the fact that parts of the image are displaced relative to their positions in other frames. For example, a truck drives by and each frame shows the truck in a slightly different position. Even though the frames are different, by compensating for the motion it is possible to average the displaced parts of their images.

Page 12, before in the paragraph and heading beginning on line 1, add the following new paragraph:

BRIEF DESCRIPTION OF THE DRAWING

Fig. 1 illustrates various processes to which the invention is applicable.

Page 12, in the paragraph beginning on line 2, change as follows:

According to an embodiment, the image property used for the above method (and, of course, consistent with Fig. 1) is an average color of the region. The problem of calculating a field of displacement vectors that satisfies both correspondence and smoothness constraints may be expressed in the following way: Find a set of displacement vectors $d(r)$ that minimizes a combination (e.g. a linear combination) of correspondence energy E_c and smoothness energy E_s: